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PTO/SB/08A (10-01)

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 32

Complete if Known

Application Number	Unassigned 10/544093
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

## U.S. PATENT DOCUMENTS

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 32

Complete if Known

Application Number

Unassigned 10/544093

Filing Date

July 29, 2005

First Named Inventor

Seubert

Art Unit

Unassigned

Examiner Name

Unassigned

Attorney Docket Number

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Sheet 3 of 32

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Filing Date July 29, 2005  
First Named Inventor Seubert  
Art Unit Unassigned  
Examiner Name Unassigned  
Attorney Docket Number 15270J-009820US

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Sheet 4 of 32

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10/544093

Application Number	Unassigned
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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## U.S. PATENT APPLICATIONS

Examiner	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Filing Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	296	60/254,465	12-08-2000	Holtzman et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD- YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
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Application Number Unassigned  
Filing Date July 29, 2005  
First Named Inventor Seubert  
Art Unit Unassigned  
Examiner Name Unassigned  
Attorney Docket Number 15270J-009820US

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Sheet 7 of 32

Complete if known	
Application Number	10/544093
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

	525	WO	98/02462	A1	01-22-1998		
	527	WO	97/32017	A1	09-04-1997		
	202	WO	97/21728	A1	06-19-1997		
	62	WO	97/17613	A1	05-15-1997		
	383	WO	97/10505	A1	03-20-1997		
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	531	WO	95/08999	A1	04-06-1995		
	69	WO	95/05853	A1	03-02-1995		
	524	WO	95/05393	A2	02-23-1995		<input type="checkbox"/>
	70	WO	95/04151	A2	02-09-1995		
	201	WO	94/28412	A1	12-08-1994		
	517	WO	94/05311	A1	03-17-1994		
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	82	WO	91/16819	A1	11-14-1991		

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Sheet 8 of 32

Complete If Known

Application Number	Unassigned
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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84	WO	91/08760	A1	06-27-1991			
85	WO	90/12871	A1	11-01-1990			
86	WO	90/12870	A1	11-01-1990			
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88	WO	89/06242	A1	07-13-1989			
90	WO	89/03687	A1	05-05-1989			
87	WO	89/01343	A1	02-23-1989			
91	WO	88/10120	A1	12-29-1988			

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet 9 of 32

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Application Number Unassigned 15270J-009820US  
Filing Date July 29, 2005  
First Named Inventor Seubert  
Art Unit Unassigned  
Examiner Name Unassigned  
Attorney Docket Number 15270J-009820US

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
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	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?", <i>Neurology</i> , 45:1441-1445 (1995).	<input type="checkbox"/>
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	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <i>The Boston Globe</i> (4/13/95).	<input type="checkbox"/>
	485	BACSKAI et al., "Imaging of amyloid- $\beta$ deposits in brains of living mice permits direct observation of clearance of plaques with immunotherapy," <i>Nature Medicine</i> , 7(3):369-372 (2001).	
	504	BALBACH et al., "Amyloid fibril formation by A $\beta$ <sub>16-22</sub> , a seven-residue fragment of the Alzheimer's $\beta$ -amyloid peptide, and structural characterization by solid state NMR," <i>Biochemistry</i> , 39:13748-13759 (2000).	
	176	BARD et al., "Peripherally administered antibodies against amyloid $\beta$ -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nature Medicine</i> , 6(8):916-919 (2000).	<input type="checkbox"/>
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	96	BAUER et al., "Interleukin-6 and $\alpha$ -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortices," <i>FEBS Letters</i> , 285(1):111-114 (1991).	<input type="checkbox"/>

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Sheet 10 of 32

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Application Number	Unassigned
Filing Date	10/5/2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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Sheet 11 of 32

Complete if Known 10/5/4093

Application Number	Unassigned
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 12 of 32

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Application Number	Unassigned/544095
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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**INFORMATION DISCLOSURE  
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Sheet 13 of 32

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Application Number	Unassigned 15/44103
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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SignatureDate  
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## Complete if Known

Application Number	Unassigned
Filing Date	July 29, 2005
First Named Inventor	Saubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

328	FELSENSTEIN et al., "Transgenic Rat and In-Vitro Studies of B-Amyloid Precursor Protein Processing;" <i>Alzheimer's and Parkinson's Diseases</i> , Hanin et al. Ed., pp 401-409, Plenum Press, New York, (1995).
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246	FRENKEL et al., "Generation of auto-antibodies towards Alzheimer's disease vaccination," <i>Vaccine</i> , 19:2615-2619 (2001).
245	FRENKEL et al., "High affinity binding of monoclonal antibodies to the sequential epitope EFRH of $\beta$ -amyloid peptide is essential for modulation of fibrillar aggregation," <i>J. of Neuroimmunology</i> , 95:136-142 (1999).
247	FRENKEL et al., "Immunization against Alzheimer's $\beta$ -amyloid plaques via EFRH phage administration," <i>PNAS</i> , 97:11455-11459 (2000).
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**INFORMATION DISCLOSURE  
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**Complete if Known**

Application Number	Unassigned
Filing Date	July 29, 2005 / 544093
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

244	FRENKEL, et al., "Modulation of Alzheimer's $\beta$ -amyloid neurotoxicity by site-directed single chain antibody," <u>J. of Neuroimmunology</u> , 106:23-31 (2000).
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364	FURLAN et al., "Vaccination with amyloid- $\beta$ peptide induces autoimmune encephalomyelitis in C57/BL6 mice," <u>Brain</u> , 126:285-291 (2003).
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## Complete if Known

Application Number	Unassigned 1544023
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

114	GLENNER et al., "Alzheimer's Disease and Downs Syndrome: Sharing of A Unique Cerebrovascular Amyloid Fibril Protein," <u>Biochem. Biophys. Res. Comm.</u> , 122(3): 1131-1135 (1984).
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Application Number	Unassigned
Filing Date	4/19/2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

118	HAGA et al., "Synthetic Alzheimer amyloid $\beta$ /A4 peptides enhance production of complement C3 component by cultured microglial cells," <u>Brain Research</u> , 601:88-94 (1993).
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Sheet 18 of 32

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Application Number	Unassigned / 544093
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

413	HOLTZMAN et al., "A $\beta$ immunization and anti-A $\beta$ antibodies: potential therapies for the prevention and treatment of Alzheimer's disease," <u>Advanced Drug Delivery Reviews</u> , 54:1603-1613 (2002).
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Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

216	JOACHIM et al., "Antibodies to Non-beta Regions of the Beta-amyloid Precursor Protein Detect a Subset of Senile Plaques," <u>Am. J. of Pathology</u> , 138:373-384 (1991).
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First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

481	LEVY et al., "Immunization for Alzheimer's disease: A shot in the arm or a whiff?," <u>American Neurological Assoc.</u> , 48:553-554 (2000).	
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Application Number	Unassigned 2005 544093
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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First Named Inventor	Seubert
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 29 of 32

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Application Number Unassigned 10/544093  
Filing Date July 29, 2005  
First Named Inventor Seubert  
Art Unit Unassigned  
Examiner Name Unassigned  
Attorney Docket Number 15270J-009820US

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Application Number	Unassigned P. # 4093
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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Application Number	Unassigned
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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Sheet 32 of 32

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Application Number	Unassigned
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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Sheet 20 of 32

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Application Number	Unassigned
Filing Date	July 29, 2005
First Named Inventor	Seubert
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	15270J-009820US

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Examiner Signature	/Gregory Emch/	Date Considered	02/02/2009
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